

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/33518

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G09G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 27910 A (KONINKL PHILIPS ELECTRONICS NV) 19 April 2001 (2001-04-19)	1-6, 9, 10, 12-14, 16, 17
Y	the whole document	7, 8, 11, 15
X	EP 0 905 673 A (MITSUBISHI CHEM CORP ; SARNOFF CORP (US)) 31 March 1999 (1999-03-31)	1-4, 9, 10, 12-14
Y	the whole document	7, 8, 11, 15
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

30 June 2003

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PCT/US 02/33518

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 26085 A (SHIRATORI TETSUYA ;KAWASE TORU (JP); AKIYAMA KOJI (JP); KUROKAWA H) 12 April 2001 (2001-04-12)	1-4,6,9, 10,12-14
Y	the whole document	7,8,11, 15
	--- -& EP 1 225 557 A (MATSUSHITA ELECTRIC CO LTD) 24 July 2002 (2002-07-24)	
	the whole document	
X	DE 100 09 204 A (UNIV STUTTGART) 30 August 2001 (2001-08-30)	1-3,9, 10,12-14
Y	the whole document	7,8,11, 15
X	WO 01 63587 A (SARNOFF CORP) 30 August 2001 (2001-08-30)	1,2,9, 10,12,13
Y	the whole document	7,8,11, 15
Y	US 4 823 027 A (TAKAHASHI KOUSHIRO) 18 April 1989 (1989-04-18)	7,8,11, 15
Y	US 5 703 608 A (KUGA KAEKO) 30 December 1997 (1997-12-30)	7,8,11, 15
	the whole document	
	-----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/33518

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0127910	A	19-04-2001	WO 0127910 A1 EP 1138036 A1 JP 2003511746 T	19-04-2001 04-10-2001 25-03-2003
EP 0905673	A	31-03-1999	EP 0905673 A1 JP 11219146 A US 6229508 B1 US 2001024186 A1	31-03-1999 10-08-1999 08-05-2001 27-09-2001
WO 0126085	A	12-04-2001	CN 1377495 T EP 1225557 A1 WO 0126085 A1 JP 2001350442 A TW 472277 B	30-10-2002 24-07-2002 12-04-2001 21-12-2001 11-01-2002
DE 10009204	A	30-08-2001	DE 10009204 A1	30-08-2001
WO 0163587	A	30-08-2001	US 6414661 B1 AU 5169901 A EP 1257994 A2 WO 0163587 A2	02-07-2002 03-09-2001 20-11-2002 30-08-2001
US 4823027	A	18-04-1989	JP 6054961 B JP 61234674 A DE 3680816 D1 EP 0200402 A2	20-07-1994 18-10-1986 19-09-1991 05-11-1986
US 5703608	A	30-12-1997	JP 2747230 B2 JP 8106268 A	06-05-1998 23-04-1996